



Curtis Specialty Papers Site Milford, New Jersey

September 23, 2013 CAG Meeting

Overview - Ecological Risk Assessment (ERA) Process

- Screening Level ERA (SLERA) completed 2011
- USEPA approves SLERA, requests Baseline ERA (BERA) Work Plan (Dec 2011)
- IP/GP submit BERA Work Plan after Slope Area Mitigation (SAM) completion (March 2013)
- USEPA approves BERA Work Plan, requests additional information prior to BERA report (May 2013)
- IP/GP submit BERA Tech Memo (May 2013)
- USEPA's BERA Tech Memo comments received (June 2013)
- USEPA comments addressed via response matrix (June 2013)
- USEPA approves BERA Report (September 2013)

SLERA

- Few receptors above USEPA level of 1

Terrestrial Receptors

COPEC	Short-Tailed Shrew	Red Fox	American Robin	Red-Tailed Hawk
Aroclor-1260	9	≤1	13	≤1
Copper	5	≤1	7	≤1
4,4'-DDD	≤1	2	≤1	≤1
4,4'-DDE	≤1	10	≤1	2
Lead	≤1	≤1	3	≤1
Vanadium	≤1	≤1	3	≤1

Aquatic Receptors

COPEC	Exposure Area	Mink	Tree Swallow
Aroclor-1260	Q Creek	2	≤1
4,4'-DDT	Delaware River	2	≤1
Lead	Delaware River	≤1	3
Lead	Unnamed Tributary	≤1	2

BERA

- Objective – Incorporate current (post-SAM) site conditions
 - Focus on terrestrial and aquatic receptors and exposure pathways identified in SLERA
 - Use post-SAM data in exposure and risk estimates

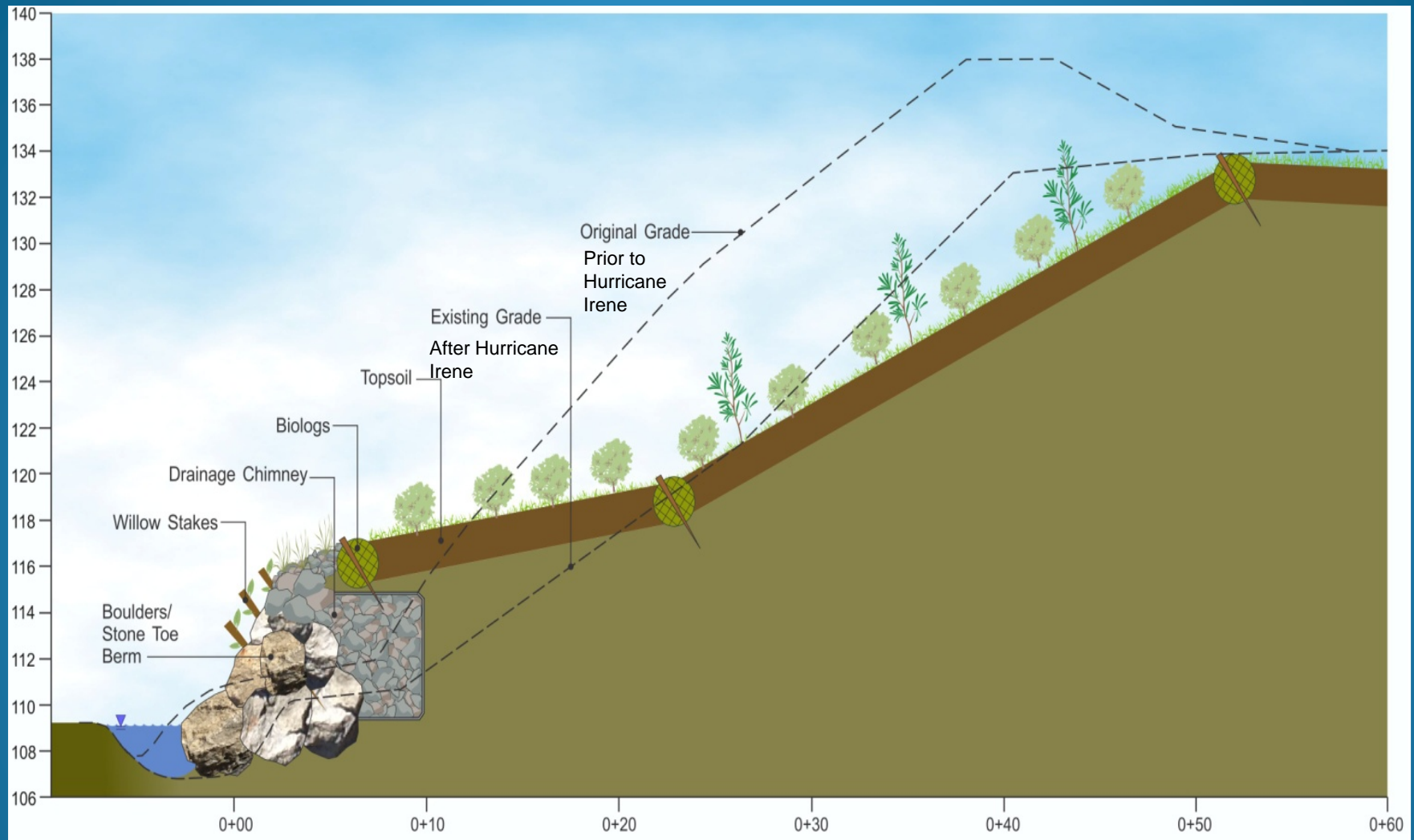
Q Creek Slope Area Changes



Q Creek Slope Area (January 2012)

Q Creek Slope

- Steep slope along southern bank of Q Creek in Coatings Facility Area (CFA)
- Following major storm events of 2011, slope instability observed
- SAM implemented 5/2012 – 4/2013 to stabilize bank
 - PCB-impacted soil removed
- Post-SAM data considered in BERA



Q Creek Slope Area Mitigation – Cross-Sectional View



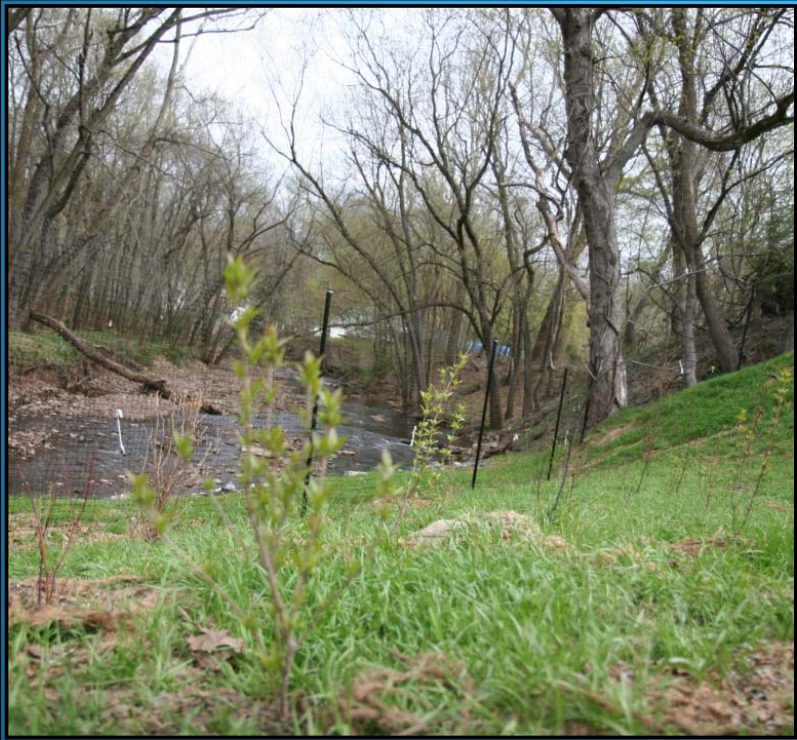
Q Creek Slope Area (October 2012)



Q Creek Slope Area (January 2013)



Q Creek Slope Area (January 2013)



Q Creek Slope Area (April 2013)

Baseline Ecological Risk Assessment (BERA)

- BERA Results
 - All of the post-SAM risk estimates are below USEPA level of 1 for terrestrial and aquatic receptors

